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D4435-9

Job Sheet 188737



Part No: D4435-9

Job Qty: 12 pcs

Part Name: Bracket



Part Weight: 0 lbs

Status: New

Priority: Medium

Job Created: 1/15/19

Job Tracking No:

Due Date: 2/8/19

Created By: Marie Lajeunesse

Type: SOLD

Description:

Note: D4435 REV.C IPP REV:A NEW ISSUE 11-12-22 JLM VERIFIED BY:EC IPP REV:B 12.01.24 PER DWG
REV.A DD VERF:EC IPP REV:C 12.03.06 AS PER DWG REV.B DD VERF:EC

Ship Via:

Bill of Materials

Job Routing

Op No	Operation	Qty	Start Date	Due Date	Standard		Workcenter/Supplier		Sign-off
					Setup Hrs	Run Hrs	Workcenter / Supplier	Lead Time	
100	Waterjet - Flow - 1	12 pcs		2/8/19	0.00	0.66	Waterjet - Flow		OK 19/02/11
120	QC 8	12 pcs		2/8/19	0.00	0.00	QC 8 - 12		
							QC 8 - 14		
							QC 8 - 17		
							QC 8 - 20		
							QC 8 - 25		
							QC 8 - 3		
							QC 8 - 32		
							QC 8 - 33		
							QC 8 - 35		
							QC 8 - 38		
							QC 8 - 39		
							QC 8 - 4		
							QC 8 - 44		
							QC 8 - 45		
							QC 8 - 49		
							QC 8 - 58		
							QC 8 - 8		
							QC 8 - 9		
							QC 8 - 68		
							QC 8 - 67		
							QC 8 - 1 (A)		
130	Small Fab - Brake NC - B4B	12 pcs		2/8/19	0.03	0.35	Small Fab - Brake - 1 - B4B		
							Small Fab - Brake - 2 - B4B		
							Small Fab - Brake - 3 - B4B		
140	QC 5	12 pcs		2/8/19	0.00	0.00	QC 5 - 10		
							QC 5 - 12		
							QC 5 - 17		

Entered: _____ Date: _____



WORK ORDER NON-CONFORMANCE / ROUTE UPDATE

NCR No. _____

Route update only ☐

Job: _____ Part No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐	DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Eng. (Non-AW) ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Engineering ☐ Water Jet ☐ Supplier ☐ Quality ☐			
Date : _____	Sequence #: _____	QTY Affected : _____		MRB (QSI042)	
Description Work Order Deviation		Disposition		Completed By	
				Lead hand / Supervisor	
				QC / QA Coordinator	
Root Cause Operator ☐ Manufacturing Process ☐ Equip/Tooling ☐ Handling/Presservation ☐ Material ☐ Product Improvement ☐ Process Improvement ☐ Human Factors ☐		FAULT CATEGORY ☐ Pressure/Forced ☐ Bending ☐ Crushing ☐ Cracks ☐ Crimp/Kink/Ripple/Wave/Twist ☐ Marks/Chatter ☐ Mislabeled ☐ Contamination ☐ Misaligned/off center ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Incomplete/Unclear Instructions ☐ Drill Holes ☐ Fit/Function ☐ Power Loss/Surge ☐ Folio/Program ☐ Grain Direction ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set/Set-up ☐ Positioned Wrong ☐ Outside Tolerance ☐ Drawing ☐ Finish ☐ Part Lost/Missing ☐ Misread			
Other/Details: _____					

				QC 5 - 18	
				QC 5 - 19	
				QC 5 - 22	
				QC 5 - 24	
				QC 5 - 3	
				QC 5 - 38	
				QC 5 - 42	
				QC 5 - 43	
				QC 5 - 49	
				QC 5 - 51	DAS
				QC 5 - 58	58 FEB 12 2019
				QC 5 - 68	9-89
				QC 5 - 9	
				QC 5 - 50	
				QC 5 - 30	
150	Handfinish - 1-1 Chemical-B4B	12 pcs	2/8/19	0.00 0.32	Handfinish - 1 - 1 - B4B
					Handfinish - 1 - 2 - B4B
					Handfinish - 1 - 3 - B4B
					Handfinish - 1 - 4 - B4B
					Handfinish - 1 - 5 - B4B
					Handfinish - 1 - 6 - B4B
					Handfinish - 1 - 7 - B4B
					Handfinish - 1 - 8 - B4B
					Handfinish - 1 - 9 - B4B
					Handfinish - 1 - 10 - B4B
					Handfinish - 1 - 11 - B4B
					Handfinish - 1 - 12 - B4B
					Handfinish - 1 - 13 - B4B
					Handfinish - 1 - 14 - B4B
					Handfinish - 1 - 15 - B4B
					Handfinish - 1 - 16 - B4B
					Handfinish - 1 - 17 - B4B
					Handfinish - 1 - 18 - B4B
					Handfinish - 1 - 19 - B4B
					Handfinish - 1 - 20 - B4B
					Handfinish - 1 - 21 - B4B
					Handfinish - 1 - 22 - B4B
160	QC 7	12 pcs	2/8/19	0.00 0.00	QC 7 - 10
					QC 7 - 13
					QC 7 - 14
					QC 7 - 15
					QC 7 - 17
					QC 7 - 18
					QC 7 - 19
					QC 7 - 2
					QC 7 - 28
					QC 7 - 3
					QC 7 - 30
					QC 7 - 34
					QC 7 - 36
					QC 7 - 37
					QC 7 - 38
					QC 7 - 41
					QC 7 - 47
					QC 7 - 48
					QC 7 - 51
					QC 7 - 58
					QC 7 - 59
					QC 7 - 6
					QC 7 - 60

Entered: _____ Date: _____



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Other/Details: _____					

					QC 7 - 9	
					QC 7 - 68	
					QC 7 - 50	
					QC 7 - 67	
165	Powdercoat - 4 Black Sand	12	2/8/19	0.00 0.19	Powdercoat - 1 - B4B	
	-B4B M138940	pcs			Powdercoat - 2 - B4B	
	START: 1:55 OUT: 3:20 FINISH: 2:25				Powdercoat - 3 - B4B	BK 19-07-13
					Powdercoat - 4 - B4B	
170	QC 3	12	2/8/19	0.00 0.00	QC 3 - 10	
		pcs			QC 3 - 13	
					QC 3 - 15	
					QC 3 - 17	
					QC 3 - 18	
					QC 3 - 2	
					QC 3 - 26	
					QC 3 - 28	
					QC 3 - 3	
					QC 3 - 30	
					QC 3 - 34	
					QC 3 - 36	
					QC 3 - 38	
					QC 3 - 41	
					QC 3 - 51	
					QC 3 - 58	
					QC 3 - 59	
					QC 3 - 6	
					QC 3 - 68	DAS FEB 15 2019 68
					QC 3 - 9	9-89
180	Packaging 3-1 - Stock - B4B	12	2/8/19	0.00 0.00	Packaging 3 - 1 - B4B	
		pcs			Packaging 3 - 2 - B4B	
					Packaging 3 - 3 - B4B	
					Packaging 3 - 4 - B4B	
					Packaging 3 - 5 - B4B	
					Packaging 3 - 6 - B4B	
					Packaging 3 - 7 - B4B	
					Packaging 3 - 8 - B4B	
					Packaging 3 - 9 - B4B	
					Packaging 3 - 10 - B4B	
					Packaging 3 - 11 - B4B	
					Packaging 3 - 12 - B4B	
					Packaging 3 - 13 - B4B	
					Packaging 3 - 14 - B4B	
					Packaging 3 - 15 - B4B	
					Packaging 3 - 16 - B4B	
					Packaging 3 - 17 - B4B	
					Packaging 3 - 18 - B4B	
					Packaging 3 - 19 - B4B	
					Packaging 3 - 20 - B4B	
					Packaging 3 - 21 - B4B	
					Packaging 3 - 22 - B4B	
					Packaging 3 - 23 - B4B	
					Packaging 3 - 24 - B4B	
					Packaging 3 - 25 - B4B	
					Packaging 3 - 26 - B4B	
					Packaging 3 - 27 - B4B	5+091 FEB 19 2019
					Packaging 3 - 28 - B4B	
					Packaging 3 - 29 - B4B	
					Packaging 3 - 30 - B4B	
					Packaging 3 - 31 - B4B	

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Description Work Order Deviation		Disposition		Completed By	
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Root Cause Operator ☐ Manufacturing Process ☐ Equip/Tooling ☐ Handling/Presservation ☐ Material ☐ Product Improvement ☐ Process Improvement ☐ Human Factors ☐ ☐ Pressure/Forced ☐ Bending ☐ Crushing ☐ Cracks ☐ Crimp/Kink/Ripple/Wave/Twist ☐ Marks/Chatter ☐ Mislabeled ☐ Contamination ☐ Misaligned/off center ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Incomplete/Unclear Instructions ☐ Drill Holes ☐ Fit/Function ☐ Power Loss/Surge ☐ Folio/Program ☐ Grain Direction ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set/Set-up ☐ Positioned Wrong ☐ Outside Tolerance ☐ Drawing ☐ Finish ☐ Part Lost/Missing ☐ Misread		Other/Details: _____ _____ _____			

				Packaging 3 - 32 - B4B	
				Packaging 3 - 33 - B4B	
				Packaging 3 - 34 - B4B	
				Packaging 3 - 35 - B4B	
190 QC 21 - SA	12 pcs	2/8/19	0.00 0.00	QC 21 - SA - 21	DAG 21 9-89 FEB 19 2019
				QC 21 - SA - 70	
Part Op 100 - 1-Cut as per Dwg Dwg Rev: <u> C </u> Prog Rev: <u> C </u> 2-Debur as required Descriptions: 120 - (QC8- Inspect parts - second check) 130 - (Bend/Assemble as per dwg) 140 - QC5- Inspect part completeness to step on W/O) 150 - (Chemical Conversion Coat per QSI005 4.1) 160 - (QC7-Inspect Chemical Conversion Coat) 165 - (Black Sandtex(Ref:4.3.5.7) per QSI005 4.3), START TIME: _____ OVEN TEMPERATURE: _____ FINISH TIME: _____ 170 - (QC3- Inspect Part Finish) 180 - (Identify as per dwg & Stock Location: _____) 190 - (QC21- Final Inspection - Work Order Release)					
Job BOM					
Part / Item	Component Name	Quantity	Operation	Container	
M6061T6S.040	6061-T6 .040 Sheet	.2640 sf (.022 ea)	100-Waterjet - Flow - 1		
Job Allocations					
Operation	Component Part	Required	Inventory	Allocated	
100-Waterjet - Flow - 1	M6061T6S.040	0	11	0	
Part Specifications					
Spec No	Description	Target/Tolerance	Limits	Type	Special Comments
1	Bracket	1.250Inches ± 0.030	1.280 1.220		
2	Bracket	2.800Inches ± 0.030	2.830 2.770		
3	Bracket	0.098Inches + 0.005 - 0.001	0.103 0.097	Diameter	
4	Bracket	0.130Inches ± 0.030	0.160 0.100		
5	Bracket	0.130Inches ± 0.030	0.160 0.100		
6	Bracket	0.040Inches ± 0.010	0.050 0.030		

Plex 1/15/19 8:11 AM Dart.lajeunesse.marie

Entered: _____ Date: _____



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